

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/00828

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04B7/08

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

WPI Data, PAJ, INSPEC, EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/009062 A1 (LAMONT LAWRENCE WAYNE ET AL) 24 January 2002 (2002-01-24) abstract page 2, paragraph 18 - paragraph 20 page 2, paragraph 23 page 4, paragraph 66 -page 5, paragraph 78; figures 6A,6B claims 1-6,11,12,71-76,81,82	1-11
A	EP 1 187 364 A (LUCENT TECHNOLOGIES INC) 13 March 2002 (2002-03-13) abstract	1-11



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the International search

16 June 2003

Date of mailing of the international search report

27/06/2003

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2002009062	A1	24-01-2002	AU 3864601 A WO 0163779 A2	03-09-2001 30-08-2001
EP 1187364	A	13-03-2002	EP 1187364 A1 JP 2002141865 A	13-03-2002 17-05-2002